

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Murphy, et al.
Serial No. : Not Yet Known
Filed : Filed Herewith
For : METHODS OF MODIFYING EUKARYOTIC CELLS

21 July 2003

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

TRANSMITTAL OF SEQUENCE LISTING

Applicants submit herewith Sequence Listings in paper form pursuant to 37 C.F.R. §1.821(c) and (e) respectively.

The computer readable form of the "Sequence Listing" in this application is identical with that filed in USSN 09/784,859 filed February 16, 2001. In accordance with 37 C.F.R. § 1.821(e), please use the first-filed computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the computer readable form that will be used for the instant application.

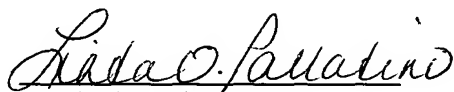
I hereby state that the content of the paper and computer readable copy of the Sequence Listing submitted herewith and referred to herein in accordance with 37 C.F.R. § 1.821(g), contain no new subject matter.

Att. Docket No.: REG 780BZ
USSN Not Yet Known
File Date: Filed Herewith
Murphy, et al.
Transmittal of Sequence Listing

Applicants direct the subject Sequence Listings submitted herewith be added to the specification.

No fee is deemed necessary for filing this paper. If any fee should be deemed necessary, the Commissioner is authorized to charge Deposit Account 18-0650 the required amount.

Sincerely,



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